nation, filer

70°

R

A

Kivaling R

Kotzebuegh

Grandstand Formation
(predominantly marine)

Laterally persistent ridge-forming sandstane mostly light gray, fine-grained in outcrop area. Minor amount shale and few thin coal beds. Thins eastward from 1,300 feet at Knifeblade Test Wells to 600-700 feet at Umiat.

Albian in age

(As mapped, Chandler Formation and Grandstand Formation each contains some undifferentiated tongues of the other.)

Inoceramus dunveganensis McLearn in basal beds.

Cenomanian in age

Killik Tongue of Chandler Formation (largely non-

Shale, with generally fine-grained sand-

stone, conglomerate of quartz and chert pebbles, coal and bentonite. Poorly exposed. Thins northeastward from

3,400 feet at Knifeblade Test Wells to

Mainly Albian in age. Top beds may be

marine) -

about 300 feet at Umiat.

Cenomanian in age

Kt
Torok Formation

Shale and siltstone with some sandstone. Poorly exposed. Upper part probably locally equivalent to lower part of Grandstand Formation.

Albian in age

This map is preliminary and has not been edited or reviewed for conformity with U.S. Geological Survey standards.

Sheet 3 of 3

OPEN FILE MAP

PRELIMINARY GEOLOGIC MAP OF THE UMIAT-MAYBE CREEK REGION, ALASKA

INDEX MAP SHOWING LOCATION OF UMIAT-MAYBE CREEK REGION AND N.P.R.4